

A03-0020 7/25/01

National Environmental Achievement Track

Application Form

Lockheed Martin-Naval Electronics & Surveillance Systems-Marine Systems

Name of facility

Lockheed Martin

Name of parent company (if any)

2323 Eastern Boulevard

Street address

Mail Point #90

Street address (continued)

Baltimore, Maryland 21220-4207

City/State/Zip code

Give us information about your contact person for the National Environmental Achievement Track Program.

Name Ned Moore

Title Senior Environmental Engineer

Phone (410) 682-1291

Fax (410) 682-1270

E-mail edgar.o.moore.iv@lmco.com

evaluate your application.

Why do we need this information? EPA needs background information on your factors application.

Tell us about your facility.

What do you need to do?

- Provide background information on you:
- Identify your environmental requiremental.

1	What do you do or make at your facility?	NE&SS-Marine Systems has a proud heritage of designing and building advanced technology products. We are recognized as the industry leader in design, manufacture, and support of the world's premier missile launching system the MK 41 Vertical Launching System (VLS), as well as being a leade in the design of some of the most advanced ship hull forms operating today. Our mission is to build top-quality, affordable systems.			
2	List the Standard Industrial Classification (SIC) code(s) or North American Industrial Classification System (NAICS)	SIC 3489			
	codes that you use to classify business at your facility.	NAICS 332995			
3	Does your company meet the Small Business Administration definition of a small business for your sector?	☐ Yes			
4	How many employees (full-time equivalents) currently	Fewer than 50			
	work at your facility?	☐ 50-99			
		□ 100-499			
		☐ More than 1,000			

Section A, continued

5	Does your facility have an EPA ID number(s)? If yes, list in the right-hand column.	
6	Identify the environmental requirements that apply to your facility. Use the Environmental Requirements Checklist, at the back of the instructions, as a reference. List your requirements to the right or enclose a completed Checklist with your application.	(SEE CHECKLIST ATTACHED)
7	Check the appropriate box in the right-hand column.	☐ I've listed the requirements above. ☐ I've enclosed the Checklist with my application.
8	Optional: Is there anything else you would like to tell us about your facility?	Noteworthy accomplishments: Achieved ISO 14001 in March 2001 Membership in Business for the Bay Participant in the Maryland Department of the Environment-Ozone Action Days

Why do we need this information?

Facilities must have an operating Environmental Management System (EMS) that meets certain requirements.

Section B

Tell us about your EMS.

What do you need to do?

• Confirm that your EMS meets the Achievement Track requirements.

1 Check **yes** if your EMS meets the requirements for each

• Tell us if you have completed a self-assessment or have had a third-party assessment of your EMS.

	element below as defined in the instructions.	
	$\mathcal{A}.$ Environmental policy	⊠ Yes
	b. Planning	⊠ Yes
	C. Implementation and operation	⊠ Yes
	d. Checking and corrective action	⊠ Yes
	e. Management review	⊠ Yes
2	Have you completed at least one EMS cycle (plan-do-check-act)?	⊠ Yes
3	Did this cycle include both an EMS and a compliance audit?	⊠ Yes
4	Have you completed an objective self-assessment or third-party assessment of your EMS?	⊠ Yes
	If yes, what method of EMS assessment did you use?	Self-assessment
		☐ GEMI ☐ Other
		☐ CEMP
		☐ Third-party assessment
		Other

Why do we need this information?

Facilities must show that they are committed to improving their environmental performance. This means that you can describe past achievements and will make future commitments.

What do you need to do?

Refer to the Environmental Performance Table in the instructions to answer questions I and 2.



Tell us about your past achievements and future commitments.

1 Describe your past achievements for at least two environmental aspects. If you need more space than is provided, attach copies of this page.

Note to small facilities: If you qualify as a small facility as defined in the instructions, you are required to report past achievement for at least one environmental aspect.

First aspect you've selected

What aspect have you selected?	What was the previ	ous level	What is the current level (2000)?	
Reduction in Hazardous Waste generation.	Quantity	Units	Quantity	Units
	5.9	tons	4.05	tons

i. How is the current level an improvement over the previous level?

We achieved a 21.9% reduction in tonnage of Hazardous Waste generated between 1999 & 2000.

- ii. How did you achieve this improvement?
 - Re-evaluation of all waste streams to determine if waste is regulated.
 - Stressing in New Employee Orientation, the need to segregate Hazardous and Non-Hazardous Waste.
 - Annual Satellite Accumulation Training, stressing Waste Minimization and Pollution Prevention activities including:
 - 1. Identify and implement ways to avoid, reduce, or eliminate the generation of Hazardous Waste.
 - 2. Practice contamination control.
 - 3. Waste segregation.
 - 4. Educate personnel on the need for using techniques to reduce waste generation.

Second aspect you've selected	Second (aspect	you've	sel	ected
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What aspect have you selected?	What was the previ	What was the previous level (1999)?		What is the current level (2000)?	
•	Quantity	Units	Quantity	Units	
Reduction in Solid Waste generation	. 106.39	tons	90.42	tons	
i. How is the current level a previous level?	n improvement over the	e			
We achieved a <u>17.6%</u> red	uction in tonnage of Sol	id Waste generated	between 1999 & 2000		
	tion and emphasis on ne	, ,	•		
Stressing in New Emp	byee Orientation, the need to segregate Recyclables from Solid Waste.				
	of programs/departments to ensure proper Recycling procedures are being followed ional recycling areas are identified.				
 Working with Facilities 	on all projects to maximize Recycling and to minimize Solid Waste generation.				
 Recycling Training 					
Source Reduction					

2 Select at least four environmental aspects (no more than two from any one category) from the Environmental Performance Table in the instructions and then tell us about your future commitments. If you need more space than is provided, attach copies of this section.

Note to small facilities: If you are a small facility, you are required to make commitments for at least two environmental aspects in two different categories.

First aspect you've selected

a. What is the aspect?	Elimination of all Class II ODCs
b. Is this aspect identified as significant in your EMS?	☐ Yes ☒ No

Section C, continued

c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.	Option A: Absolute value Option B: In terms of units of production	(2000) 25 Lbs./Year (Quantity/Units)	
d. What is the improvement you are committing to over the next three years? You may choose to state this as an absolute value or in terms of units of production or output.	or output Option A: Absolute value Option B: In terms of units of production or output	Eliminate all usage of all Class II ODCs. (Quantity/Units)	
e. How will you achieve this improvement?	Find alternative material or fo	ormulation, which is ODC free.	
Second aspect you've selected			
a. What is the aspect?	Reduction in Hazardous Was	ste generation.	
b. Is this aspect identified as significant in your EMS?	∑ Yes □ No		
c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.	Option A: Absolute value Option B: In terms of units of production or output	(2000) 4.05 Tons/Year (Quantity/Units)	
d. What is the improvement you are committing to over the next three years? You may choose to state this as an absolute value or in terms of units of production or output.	Option A: Absolute value Option B: In terms of units of production or output	10% Reduction (2001) 3.6 Tons/year (Quantity/Units)	

e.	How	will	you	achieve	this	improvement?
			,		••••	

- Capital improvements to minimize Hazardous Waste generation and maximize collection efficiency.
- Re-evaluation of all waste streams to determine if waste is regulated.
- Stressing in New Employee Orientation, the need to segregate Hazardous and Non-Hazardous Waste.
- Annual Satellite Accumulation Training stressing waste minimization and pollution prevention activities including:
 - I. Identify and implement ways to avoid, reduce, or eliminate the generation of Hazardous Waste.
 - 2. Practice contamination control.
 - 3. Waste Segregation
 - 4. Educate personnel on the need for using techniques to reduce waste generation.

Third aspect you've selected

a. What is the aspect?	Reduction in Solid Waste gene	eration.
b. Is this aspect identified as significant in your EMS?	⊠ Yes □ No	
c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.	Option A: Absolute value Option B: In terms of units of production or output	(2000) 90.42 Tons/Year (Quantity/Units)
d. What is the improvement you are committing to over the next three years? You may choose to state this as an absolute value or in terms of units of production or output.	Option A: Absolute value Option B: In terms of	10% Reduction (2001) 81.37 Tons/Year (Quantity/Units)
	units of production	

e.	How	will	you	achieve	this	improvement?
			,		••••	

- Capital improvement to minimize Solid Waste generation and maximize collection efficiency.
- Stressing in New Employee Orientation, the need to segregate Recyclables from Solid Waste.
- Quarterly ESH Audits of programs/departments to ensure proper Recycling procedures are being followed and to determine additional Recycling areas are identified.
- Working with Facilities on all projects to maximize Recycling and minimize Solid Waste generation.
- Recycling Training
- Source Reduction

Fourth aspect you've selected

. ,		
a. What is the aspect?	Material Reuse & Recycling of Ton	er Cartridges
b. Is this aspect identified as significant in your EMS?		
c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.	Option A: Absolute value	(2000) 432 Cartridges Recycled/Year
	Option B: In terms of units of production or output	
d. What is the improvement you are committing to over the next three years? You may choose to state this as an absolute value or in terms of units of production or output.	Option A: Absolute value	(2001) 5% Increase 454 Cartridges Recycled/Year
	Option B: In terms of units of production or output	<u>Note:</u> 1999 0 Recycled

Section C, continued

e. How will you achieve this improvement?

- Provide Recycling Training to all effected employees.
- Perform quarterly ESH Audits to ensure all program areas and operations are reusing and recycling all spent toner cartridges.

Why do we need this information?

Facilities must demonstrate their commitment to public outreach and performance reporting. You should have appropriate mechanisms in place to identify community concerns, to communicate with the public, and to provide information on your environmental performance.

Section D, continued

Tell us about your public outreach and reporting.

What do you need to do?

- Describe your approach to public outreach.
- List three references who are familiar with your facility.
- 1 How do you identify and respond to community Primary point of contact within the community is the Local concerns? Emergency Planning Committee (LEPC) for Baltimore County, which meets monthly. Concerns expressed by the community would likely be communicated through the LEPC, local police or municipal officials. 2 How do you inform community members of important Community members are initially informed through the matters that affect them? LEPC who in turn dissemnate the information. Direct communications from our Communications Department representatives would occur via telephone and through the local media. How will you make the Achievement Track Annual Performance Report available to the public? Newspaper Open Houses Other All inquires from the news media or general public shall be referred to the Office of Communications & Public Affairs. The Office of Communications & Public Affairs shall be responsible for and have authority to approve responses to inquiries, admittance of reporters, public interest groups, etc., beyond the plant lobby, on a case by case basis. The Program Manager or Contract Administrator in conjunction with ESH and/or Systems Safety Engineering Department handles responses to ESH inquiries from customers and clients. ESH will handle communications with the following:

Regulatory Agencies

3 (CONTINUED)

How will you make the Achievement Track Annual Performance Report available to the public?

- Businesses or other interested organizations for the routine exchange of information regarding our ESH Programs. Depending on the nature of the inquiry, the response may be directed through the Office of Communications & Public Affairs.
- Any Environmental Safety or Health inquiries, which are other than routine, must be promptly reported to Corporate ESH as per Corporate Functional Procedure ESH-01.

ESH will utilize a conversation/telephone log to document the communication between NE&SS-Marine Systems ESH and regulatory agencies, interested organizations, and/or the public, on a case by case basis.

4	Are there any ongoing citizen suits against your facility?	☐ Yes	⊠ No	
	If yes, describe briefly in the right-hand column.			

5 List references below

	Organization	Name	Phone number
Representative of a Community/ Citizen Group	Businesses for the Bay Alliance for the Chesapeake Bay	April Marcy	(410) 267-5719
State/Local Regulator	Maryland Department of the Environment Air & Radiation Management Baltimore County	Randy Mosier	(410) 631-3240
Other community/local reference	Baltimore County Local Emergency Planning Committee	Chris Howley	(410) 887-4890

Section E Application and Participation Statement.

On behalf of Lockheed Martin NE&SS-Marine Systems

I certify that

- I have read and agree to the terms and conditions, as specified in the National Environmental Achievement Track Program Description and in the Application Instructions;
- I have personally examined and am familiar with the information contained in this Application (including, if attached, the Environmental Requirements Checklist). The information contained in this Application is, to the best of my knowledge and based on reasonable inquiry, true, accurate, and complete, and I have no reason to believe the facility would not meet all program requirements;
- My facility has an environmental management system (EMS), as defined in the Achievement Track EMS
 requirements, including systems to maintain compliance with all applicable federal, state, tribal, and local
 environmental requirements, in place at the facility, and the EMS will be maintained for the duration of the
 facility's participation in the program;
- My facility has conducted an objective assessment of its compliance with all applicable federal, state, tribal, and local environmental requirements, and the facility has corrected all identified instances of potential or actual noncompliance;
- Based on the foregoing compliance assessment and subsequent corrective actions (if any were necessary), my
 facility is, to the best of my knowledge and based on reasonable inquiry, currently in compliance with applicable
 federal, state, tribal, and local environmental requirements.

I agree that EPA's decision whether to accept participants into or remove them from the National Environmental Achievement Track is wholly discretionary, and I waive any right that may exist under any law to challenge EPA's acceptance or removal decision.

I am the senior facility manager and fully authorized to execute this statement on behalf of the corporation or other legal entity whose facility is applying to this program.

Signature/Date

Printed Name/Title Dale Bennett, Vice President & General Manager, NE&SS-Marine Systems

Facility Name Lockheed Martin, Naval Electronics & Surveillance Systems-Marine Systems

Facility Street Address 2323 Eastern Boulevard, Baltimore, Maryland 21220-4207

Facility ID Numbers MDC003419090

National Environmental Achievement Track

Environmental Requirements Checklist

The following Checklist is provided to assist facilities in answering Section A, "Tell us about your facility," Question 6. The Checklist is given to help facilities identify the major federal, state, tribal, and local environmental requirements applicable at their facilities. The Checklist is not intended to be an exhaustive list of all environmental requirements that may be applicable at an individual facility.

Lockheed Martin-Naval Electeronic & Surveillance Systems-

If you use this Checklist and choose to submit it with your application, fill in your facility information below and enclose the completed Checklist with your application (see instructions).

Marine Systems

Baltimore/MD/21220

(atta	lity ID Number(s): MDC003419090 sch additional sheets scessary)	
		Check All
	Pollution Regulations	That Apply
1.	National Emission Standards for Hazardous Air Pollutants (40 CFR 61)	
2.	Permits and Registration of Air Pollution Sources	
3.	General Emission Standards, Prohibitions and Restrictions	\boxtimes
4.	Control of Incinerators	
5.	Process Industry Emission Standards	
6.	Control of Fuel Burning Equipment	
7.	Control of VOCs	\vdash
8.	Sampling, Testing and Reporting	
9.	Visible Emissions Standards	\vdash
10.	Control of Fugitive Dust	
		×
12.	Vehicle Emissions Inspections and Testing	
	Other Federal, State, Tribal or Local Air Pollution Regulations Not Listed (identify)	l Above
13.		
14.		
Haza	ardous Waste Management Regulations	
	- Characteristic Waste	\boxtimes
	- Listed Waste	
2.	Standards Applicable to Generators of Hazardous Waste (40 CFR 262)	
	- Manifesting	
	- Pre-transport requirements	
	- Record keeping/reporting	

Facility Name

Facility Location:

3.	Standards Applicable to Transporters of Hazardous Waste (40 CFR 263)	
	- Transfer facility requirements	
	- Manifest system and record-keeping	
	- Hazardous waste discharges	
4.	Standards for Owners and Operators of TSD Facilities (40 CFR 264)	
	- General facility standards	
	- Preparedness and prevention	Ħ
	- Contingency plan and emergency procedures	H
		H
	- Manifest system, Record keeping and reporting	片
	- Groundwater protection	\vdash
	- Financial requirements	\vdash
	- Use and management of containers	\vdash
	- Tanks	
	- Waste piles	
	- Land treatment	
	- Incinerators	
5.	Interim Status Standards for TSD Owners and Operators (40 CFR 265)	
6.	Interim Standards for Owners and Operators of New Hazardous Waste Land	
	Disposal Facilities (40 CFR 267)	
7.	Administered Permit Program (Part B) (40 CFR 270)	
8.	Other Federal, State, Tribal or Local Hazardous Waste Management Regulated Above (identify)	ılations Not
9.		
Haz	ardous Materials Management	
1.	Control of Pollution by Oil and Hazardous Substances (33 CFR 153)	\boxtimes
2.	Designation of Reportable Quantities and Notification of Hazardous	$\overline{\boxtimes}$
	Materials Spill (40 CFR 302)	<u> </u>
3.	Hazardous Materials Transportation Regulations (49 CFR 172-173)	\boxtimes
4.	Worker Right-to-Know Regulations (29 CFR 1910.1200)	Ħ
5.	Community Right-to-Know Regulations (40 CFR 350-372)	Ħ
٥.	Community regulations (10 CFR 350 572)	
	Other Federal, State, Tribal or Local Hazardous Materials Management R	Regulations
	Not Listed Above (identify)	
6.		
7.		
Soli	d Waste Management	
1.	<u> </u>	
	(40 CFR 257)	
2.	Permit Requirements for Solid Waste Disposal Facilities	
3.	Installation of Systems of Refuse Disposal	H
4.	Solid Waste Storage and Removal Requirements	Ħ
5.	Disposal Requirements for Special Wastes	
		<u> </u>
	Other Federal, State, Tribal or Local Solid Waste Management Regulation	ns Not
	Listed Ahove (identify)	

6.				
7.				
Wat	er Pollution Control Requirements			
1.	Oil Spill Prevention Control and Countermeasures (SPCC) (40 CFR 112)			
2.	Designation of Hazardous Substances (40 CFR 116)			
3.	Determination of Reportable Quantities for Hazardous Substances (40 CFR 117)			
4.	NPDES Permit Requirements (40 CFR 122)			
5.	Toxic Pollutant Effluent Standards (40 CFR 129)			
6.	General Pretreatment Regulations for Existing and New Sources (40 CFR 403)			
7.	Organic Chemicals Manufacturing Point Source Effluent Guidelines and Standards (40 CFR 414)			
8.	Inorganic Chemicals Manufacturing Point Source Effluent Guidelines and Standards (40 CFR 415)			
9.	Plastics and Synthetics Point Source Effluent Guidelines and Standards (40 CFR 416)			
10.	Water Quality Standards			
11.	Effluent Limitations for Direct Dischargers			
12.	Permit Monitoring/Reporting Requirements			
13.	Classifications and Certifications of Operators and Superintendents of Industrial Wastewater Plants			
14.	Collection, Handling, Processing of Sewage Sludge			
15.	Oil Discharge Containment, Control and Cleanup			
16.	Standards Applicable to Indirect Discharges (Pretreatment)			
	Other Federal, State, Tribal or Local Water Pollution Control Regulations No Above (identify)	ot Listed		
17.	Wastewater Discharge Permit/Sanitary	\boxtimes		
18.				
	king Water Regulations			
1.	Underground Injection and Control Regulations, Crieria and Standards (40 CFR 144, 146)			
2.	National Primary Drinking Water Standards (40 CFR 141)	\sqcup		
3.	Community Water Systems, Monitoring and Reporting Requirements (40 CFR 141)			
4.	Permit Requirements for Appropriation/Use of Water from Surface or Subsurface Sources			
5.	Underground Injection Control Requirements			
6.	Monitoring, Reporting and Record keeping Requirements for Community Water Systems			
	Other Federal, State, Tribal or Local Drinking Water Regulations Not Listed			
7	Above(identify)			
7. 8.		H		

Toxi	ic Substances	
	Manufacture and Import of Chemicals, Record keeping and Reporting	
	Requirements (40 CFR 704)	-
2.	Import and Export of Chemicals (40 CFR 707)	
3.	Chemical Substances Inventory Reporting Requirements (40 CFR 710)	
4.	Chemical Information Rules (40 CFR 712)	\vdash
5.	Health and Safety Data Reporting (40 CFR 716)	\vdash
6.	Pre-Manufacture Notifications (40 CFR 720)	
7. 8.	PCB Distribution Use, Storage and Disposal (40 CFR 761) Regulations on Use of Fully Halogenated Chlorofluoroalkanes (40 CFR 762)	H
9.	Storage and Disposal of Waste Material Containing TCDD (40 CFR 775)	
	Other Federal, State, Tribal or Local Toxic Substances Regulations Not Listed Ab	
10.	(identify)	
11.		H
11.		
Pest	icide Regulations	
1.	FIFRA Pesticide Use Classification (40 CFR 162)	
2.	Procedures for Disposal and Storage of Pesticides and Containers (40 CFR	
	165)	
3.	Certification of Pesticide Applications (40 CFR 171)	
4.	Pesticide Licensing Requirements	
5.	Labeling of Pesticides	
6.	Pesticide Sales, Permits, Records, Application and Disposal Requirements	\square
7. 8.	Disposal of Pesticide Containers Restricted Use and Prohibited Pesticides	H
٥.	Restricted Use and Promotted Pesticides	
	Other Federal, State, Tribal or Local Pesticides Regulations Not Listed Above (identify)	9
9.	(Identity)	
10.		Ħ
Envi	ironmental Clean-Up, Restoration, Corrective Action	
1.	1 / 1	
	(Superfund) (identify)	
2		
2.	RCRA Corrective Action (identify)	
	Other Federal, State, Tribal or Local Environmental Clean-Up, Restoration,	
	Corrective Action Regulations Not Listed Above (identify)	
3.	6 (),	
4.		

The National Environmental Performance Track is a U.S. Environmental Protection Agency program. Please direct inquiries to 1-888-339-PTRK or e-mail ptrack@indecon.com. Mail completed applications to:

The Performance Track Information Center c/o Industrial Economics Incorporated 2067 Massachusetts Avenue Cambridge, MA 02140